

FIG15A

Probes with No Target

SEQ ID NO:19

SEQ ID NO:20

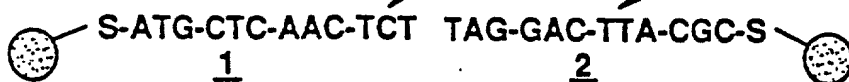


FIG15B

Half-Complementary Target

3

SEQ ID NO:21

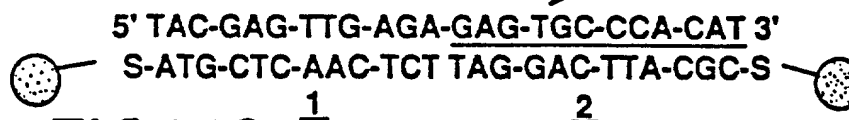


FIG15C

Complementary Target

Tm=53.5°C

4

SEQ ID NO:22

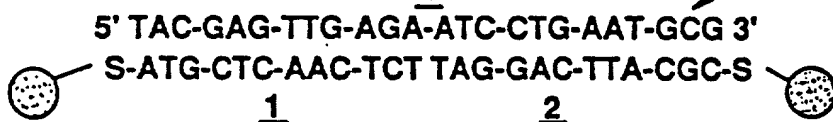


FIG15D

ONE Base-Pair Mismatch at Probe Head

$T_m = 50.4^\circ\text{C}$

5

SEQ ID NO:23



FIG15E

ONE Base-Pair Mismatch at Probe Tail

T_m=46.2°C

6

SEQ ID NO:24

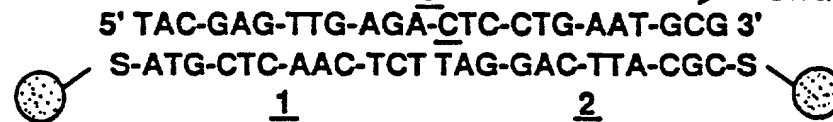


FIG15F

ONE Base Deletion

T_m=51.6°C

7

SEQ ID NO:25

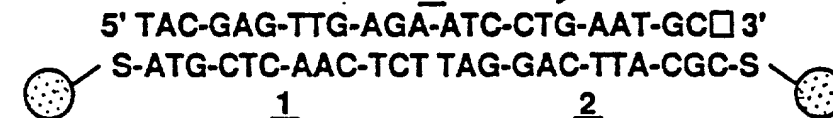


FIG15G

ONE Base-Pair Insertion

T_m=50.2°C

8

SEQ ID NO:26

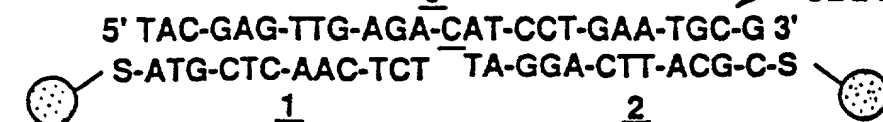


FIG. 16A

24 Base Template

5' TAC-GAG-TTG-AGA-ATC-CTG-AAT-GCG 3'
 —S-ATG-CTC-AAC-TCT TAG-GAC-TTA-CGC-S —
 1 2

FIG. 16B

48 Base Template with Complementary 24 Base Filler

5' TAC-GAG-TTG-AGA-CCG-TTA-AGA-CGA-GGC-AAT-CAT-GCA-ATC-CTG-AAT-GCG 3'
 —S-ATG-CTC-AAC-TCT GGC-AAT-TCT-GCT-CCG-TTA-GTA-CGT TAG-GAC-TTA-CGC-S —
 1 2

FIG. 16C

72 Base Template with Complementary 48 Base Filler

5' TAC-GAG-TTG-AGA-CCG-TTA-AGA-CGA-GGC-AAT-CAT-GCA-TAT-ATT-GGA-CGC-TTT-ACG-GAC-AAC-ATC-CTG-AAT-GCG 3'
 —S-ATG-CTC-AAC-TCT GGC-AAT-TCT-GCT-CCG-TTA-GTA-CGT-ATA-TAA-CCT-GCG-AAA-TGC-CTG-TTG TAG-GAC-TTA-CGC-S —
 1 2

FIG.17A

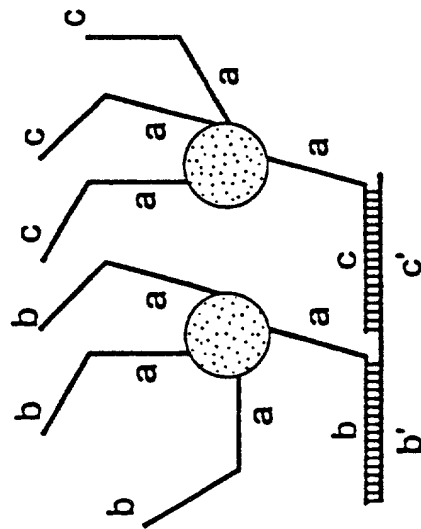


FIG.17B

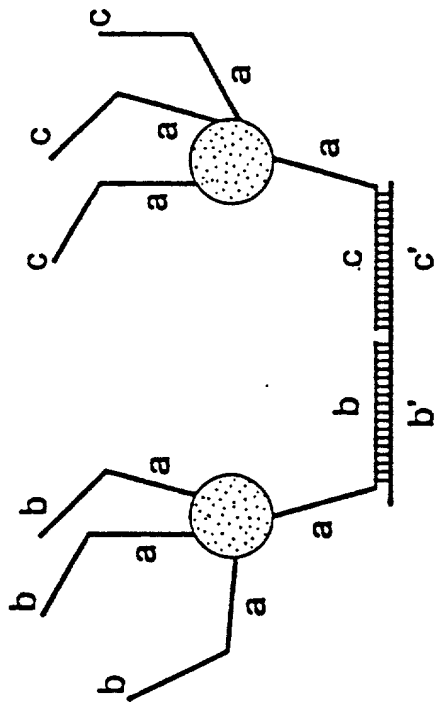


FIG.17C

